

11. ~~(New)~~ The probe according to claim 10, further comprising:
 printed conductor sections via which the Nernst electrode and the inner pump electrode are connected to a contact point, wherein:
 the cross section of the joint supply conductor section is smaller than a cross section of the printed conductor sections.
- A2 12. ~~(New)~~ The probe according to claim 6, wherein:
 the Nernst electrode and the inner pump electrode are connected to the circuit arrangement via the joint supply conductor section by a contact point, and
 the contact point is located directly downstream of the Nernst electrode and the inner pump electrode at a first distance such that a second distance of the joint supply conductor section is of a maximum length.

In The Abstract:

Delete the present Abstract and in its place insert the following:

--Abstract Of The Disclosure

A probe is described for determining an oxygen concentration in a gas mixture, in particular in the exhaust gas of internal combustion engines, having a Nernst measuring cell, which has a first electrode (Nernst electrode) which is exposed to the gas mixture to be measured via a diffusion barrier, a second electrode (reference electrode) which is exposed to a reference gas, and a solid electrolyte body arranged between the first and the second electrode, and having a pump cell, which has a first electrode (inner pump electrode) which is exposed to the gas mixture via the diffusion barrier, a second electrode (outer pump electrode) which is exposed to the gas mixture, and a solid electrolyte body arranged between the first and the second electrode. The Nernst electrode and the inner pump electrode are connected at least in some sections via a joint supply conductor to a circuit arrangement for controlling and evaluating the probe. A joint supply conductor resistor of the Nernst electrode and of the inner pump electrode is formed by a loaded voltage divider whose individual resistors are arranged so that the negative feedback of a Nernst voltage circuit and of a